BORRINGIA

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User's Manual

XXL Care Lift, Electrically Elevating Shower-, Commode- & Care Lift with Tilt-in-Space Seat Unit

12B99, UK
Rev. 30/11-2010

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Manufacturer:

Borringia A/S Hejreskovvej 18 B-C DK-3490 Kvistgaard Tel.: +45 49 13 88 55

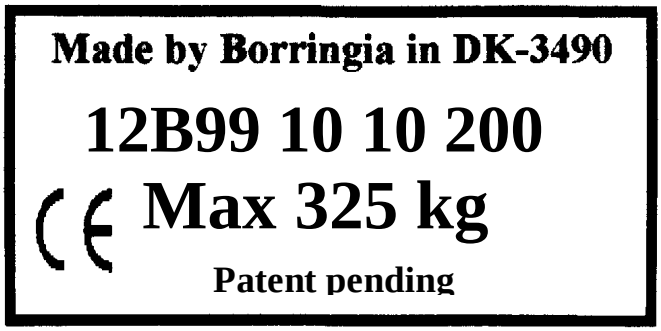
Importer / Dealer (Stamp):

Authorised Service (Stamp):

Marking:

Your XXL Care Lift carries marking, according to the applicable technical standards. For your information each of the 3 labels are explained below:

Marking, Production, Frame- & Batch number for the XXL Care Lift:



Explanation:

12B99:	Identifies the product, i.e. an XXL Care Lift
10:	Identifies the year of production, i.e. 2010
10	Identifies the month of production, i.e. October
200	Identifies the specific frame number of this one unit
Max. 325 kg	Informs of the limit of the allowed weight of the user

Marking, Transport Packaging:

Explanation:

Borringia:	The manufacturer
XXL Care Lift:	Brand name of the product
Shower-, Commode- & Care Lift:	Product description
Frame- & Batch No.:	Identification of the specific product
Storage:	Information about how to store the product
Keep dry:	To be stored away from rain and water
25-90% Relative humidity:	Indication of safe humidity-level
0-50º Celcius:	Safe storage temperature
250-1200 hPa	Safe air pressure

XXL Care Lift, Electrically Elevating Shower-, Commode- & Care Lift with Tilt-in-Space Seat Unit

The XXL Care Lift was developed to meet both the needs of the bariatric patient and those of the caregivers.

The Electrical lifting function (seat height from 50 – 110 cm / 19,7 – 43,3") enables the helper to obtain an ideal working position during toileting, showering and personal hygiene routines. This allows the user to enjoy his/her daily shower, etc. without feeling that they are a burden to the helper, thus contributing to less stressful care routines.

The elevating function combined with the seat, which can be tilted forward and backward, also enables the XXL Care Lift to help the user to a standing position. This is possible because the Lift not only lifts the seat up to 60 cm (43,3") but also can tilt the seat 6 degrees forwards. In this way the XXL Care Lift, in the same way as typical catapult seats may help the user to move their body's centre of gravity to a point directly above their feet. Getting to this vertical position is often one of the most difficult problems for bariatric persons with limited walking or standing ability.

The electrical tilt-in-space seat unit (-20° - + 6°) combined with the adjustable, soft backrest upholstery offers the user unmatched comfort. Pressure points may be changed and when the seat is tilted backwards, torso-stability is increased. The electrical elevating leg-support provides for optimal working positions for the caregiver during e.g. foot- and wound care.

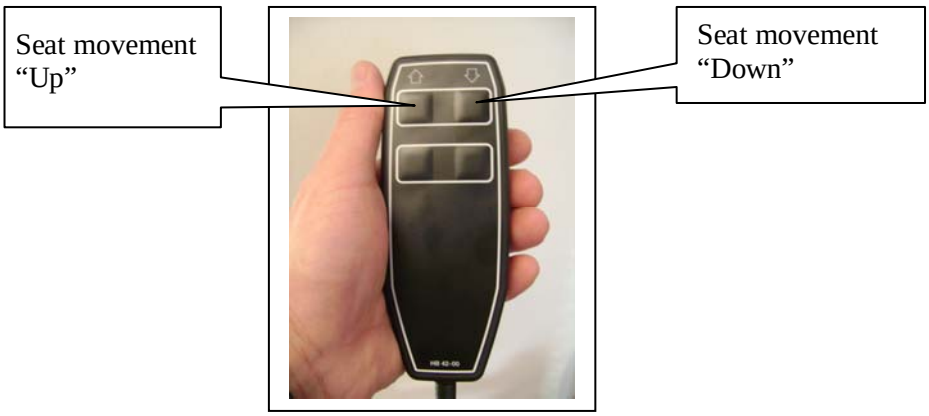
If you have any questions, comments or suggestions for improvements, please do not hesitate to call your local dealer or contact Borringia directly by phone at TEL +45 49 13 88 55 or on the Internet: info@borringia.com.

The XXL Care Lift is simple & logical to use. However, you must read the following instructions carefully prior to taking the product into use.

Assembly: The XXL Care Lift is delivered assembled and ready for use. The only thing you have to do is to charge the battery in the charging station prior to use.

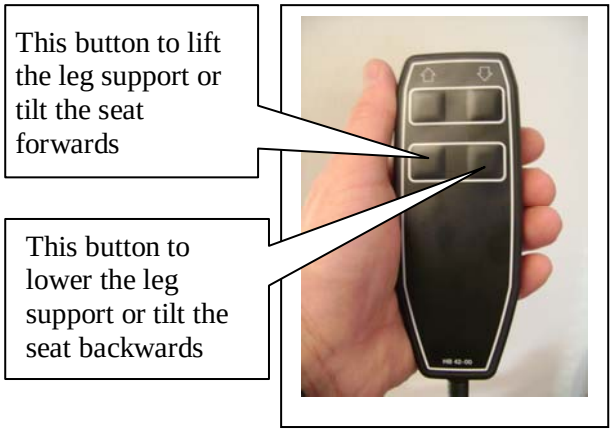
Lifting: The lifting function is electrical. Power is supplied by a 24 volt battery (lead/acid gel) with a capacity of 10 Ah, sufficient for 10-15 full lifting cycles when fully charged.

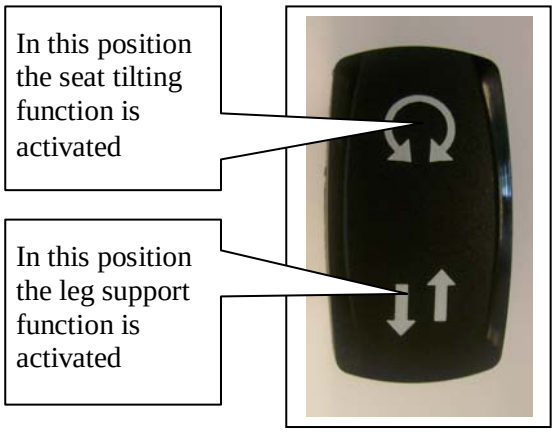
Pressing the corresponding button on the hand control activates lifting and lowering. As soon as the button is released, movement stops.



Seat Tilt & Leg Support: The seat tilting function as well as the adjustment of the leg support on the XXL Care Lift are electrical and are operated via the hand control.

On the switch placed at the right hand front of the seat you may shift between the seat tilting function and adjustment of the leg support. The switch is situated here so that it can be easily operated, when the XXL Care Lift has been pushed into a shower cubicle.


This button to lift the leg support or tilt the seat forwards
This button to lower the leg support or tilt the seat backwards



Charging: **NEVER** attempt to charge the battery with anything but the charger and the wall mounted charging station **supplied with the** XXL Care Lift.

Please see illustrated instruction later in this manual.

Interference: In unlikely case of the XXL Care Lift interfering with other electrical appliances, **immediately** take the product out of use and request service.

Safety: Note the following instructions carefully:

- **Never** leave person with insufficient body control alone in the XXL Care Lift
- Make sure that the hands, legs and feet of the user are not squeezed between parts of the XXL Care Lift and other aid products (e.g. wheelchair, bed, or the like)
- **Never** use the XXL Care Lift in hot surroundings, e.g. in Saunas or in steam baths

Emergency Stop:

In the – unlikely – event that movement continues after the buttons on the hand control have been released, all activity can be blocked by pushing the red emergency button situated on top of the burgundy cover. The button is released again by turning it clockwise. **IMMEDIATELY** contact your dealer and **DO NOT** use the XXL Care Lift again, before it has been inspected and repaired.

Low Temperatures: All batteries loose performance when they are cold, i.e. at 0° Celsius (32° F) or colder. If the battery has become cold e.g. during transport, you may have to re-charge the battery, before using the XXL Care Lift.

Temperature: Normal operational temperature should be 0°- 40° Celsius (32° - 104° F)

Humidity: The XXL Care Lift is designed for use in the shower. However, neither the Lift nor the electronics should **ever** be submerged

Service: The XXL Care Lift **must** undergo at least one service inspection annually by an authorized technician. Service agreements can be made with your dealer. **Borringia cannot be held responsible for damage to persons caused by the failure to carry out annual service inspections.**

Batteries: The Battery cells are an integrated part of the battery-box and may only be replaced by the manufacturer.

Daily Inspection: Before using the XXL Care Lift, always check the following points:

- There should be no visual cracks, dents or deformation of any metal part on the Lift
- All retaining rings should be in place
- The actuator(s) should not make jarring sounds when activated with load
- Check that the 4 nuts under the undercarriage – 2 under each lifting column – are securely tightened

Cleaning: Use water with standard detergents or dish washing liquid on a damp cloth. Dry with cloth. Chalk stains should be removed by spraying the chair with normal vinegar. Leave the vinegar to work for 2-3 hours, and then rinse with water. The XXL Care Lift may be cleaned with suitable disinfectants such as e.g. Virkon®

NEVER use alcohol, acids or organic solvents.

NEVER expose the chair, electronics etc. to **temperatures above 50º Celsius**

NEVER sterilize the XXL Care Lift by autoclave or steam-cleaning

Violation of the above may lead to risk of explosion!!

The toilet seat may be removed for cleaning. The seat can be cleaned at temperatures of **max. 70º Celsius**. May be cleaned at 85º Celsius, **if exposure is restricted to max. 2 minutes**. **NEVER sterilize the seat by autoclave.**

Lubrication: Approx. once a month, apply a bit of Vaseline to the piston of the actuators.

User Weight: The XXL Care Lift is tested and approved for use by persons weighing a maximum of 325 kg (715 lbs.)

Disposal: When the XXL Care Lift is taken out of use, you should see to it that the Lift is disposed off in an environmentally friendly way. Follow the instructions below:

Metal parts: All metal parts are made of stainless steel and can safely be recycled. The painting will not result in any toxic release as a result of recycling.

Electronics: The electronics including the batteries should be delivered to a recycling plant equipped to handle electronic waste safely. If in doubt as to whether such a facility is available, please return the electronic components to your dealer, who will then organize safe recycling.

Measurements & Weight

	Centimetres or kg	**Inches or Lbs.**
Total height	110 -170	43,3 – 66,9
Width	135	53,1
Depth, seat level & leg support down	78	30,7
Depth, seat tilted backwards & leg support up	123	48,4
Seat height	50 – 110	19,7 – 43,3
Seat width	77	30,3
Seat depth	54	21,3
Width between armrests	63	24,8
Armrests' Height over seat	20	7,9
Width of backrest	60	23,6
Height of backrest upholstery	48	18,9
Height of base	22	8,7
Base clearance	15	5,9
Turning Diameter	130	51,2
Lifting interval	60	23,6
Weight	120 kg	264 Lbs

Lifting mechanism: Electrical
Battery: 24V
Battery capacity: 10 – 15 Lifting cycles
Charging: External charging station
Charging time: 3 – 4 hours
Weight: 120 kg / 264 lbs

Max user weight: 325 kg / 715 lbs

Optional Equipment:

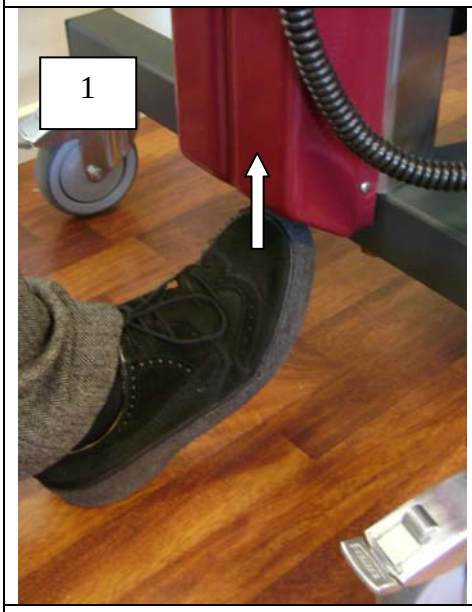
- **Bedpan with lid (Stainless steel)**
- **Head support, Medium**
- **Head support, Large**
- **Lid for PU-Toilet seat**
- **Torso-, Hip- & Thigh Belt**

Warranty: Two years warranty on failure in metal construction. Warranty does not cover damage as a result of faulty use of the XXL Care Lift. Casters, and the battery-pack, which are subject to normal tear, are warranted for one year; failure as a result of misuse is not covered by the warranty.

Charging of the Battery:

1. Open the burgundy cover by pushing upwards at the bottom of the cover with your foot as shown in picture 1. Pull the top of the cover towards you
2. Pull at the handle on the back of the battery and lift upwards.
3. Place the battery in the wall charging station. When the "Charge" lamp turns off, the battery is fully charged. Put the battery back in place and close the cover.

1



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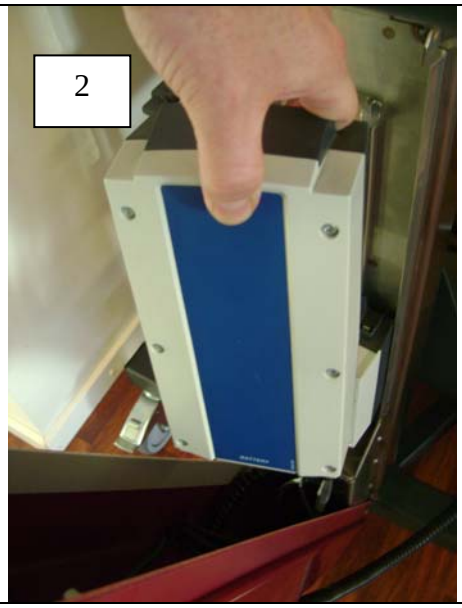

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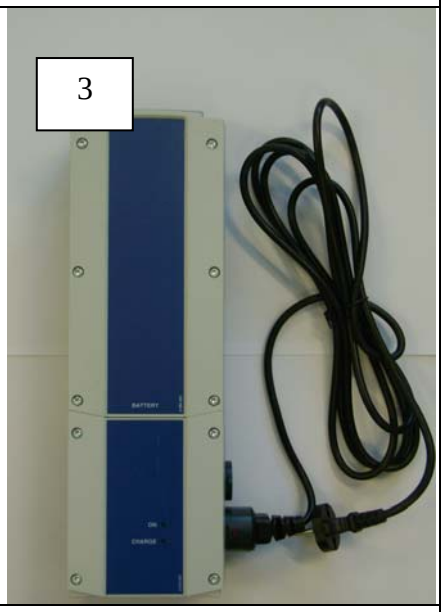
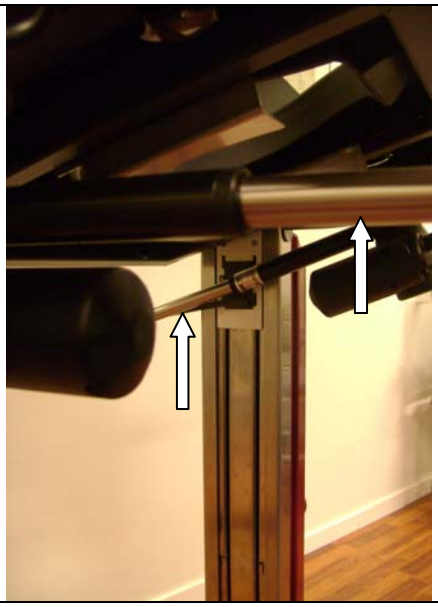


Cleaning + lubrication of the actuators:

1. Use water with standard detergents or dish washing liquid on a damp cloth. Dry with cloth. Chalk stains should be removed by spraying the chair with normal vinegar. Leave the vinegar to work for 2-3 hours, and then rinse with water. The XXL Care Lift may be cleaned with suitable disinfectants such as e.g. Virkon®
2. Approximately once a month the pistons on the actuators should be lubricated with Vaseline® or acid free oil.

1

2



Annual Service Inspection, XXL Care Lift

Service Contract No.:

Product: 12B99, XXL Care Lift	**Frame- & Batch No.:** 12B99 XX XX XXXX	**Client:**
Department / User:	**Contact person:**	**Valid from:** July 1st 2010 **Automatic renewal date:** July 1st , every year
Telephone:	**Fax:**	**Client Responsible:**

Service Inspection performed by:	**Date:**

Control point:	**Description:**	**All right:**	**Lubricated**	**Noise / Irregularity**	**Tightened:**	**Comment Nr.:**
Seat tilt	Actuator runs both ways		■		■	
Seat tilt	Actuator lubricated			■		
Leg support	Actuator runs both ways		■		■	
Leg support	Actuator lubricated			■		
Switch for selection of Lift / Leg support	Works & is securely fastened		■	■		
Cables for switch & tilt actuator	Intact and secured with strips		■	■		
Backrest	No cracks		■		■	
Backrest upholstery	Fabric& buckles intact		■		■	
Seat	Easy to remove and put back on the chair		■	■	■	
Seat	PU-surface is intact		■		■	
Arm rests	Securely fastened and move smoothly		■	■		
Arm rests	PU is intact		■	■	■	
Leg support	Folds up/down, securely fastened		■	■		
Leg support actuator	Height-adjustability works & Lubricated			■		
Leg support	PU-surface intact		■		■	
Emergency Stop	Works and releases again		■	■	■	
Lifting mechanism	Lifts from bottom to top whit full load		■	■	■	
Lifting actuators	Runs smoothly, no noises		■			
Tilt actuator	Securely fastened & Piston lubricated			■		
Tilt actuator	Runs smoothly, no noises		■		■	
Hand Control	”Hold to activate” works		■	■	■	
Wall Charging Station	Intact & correctly mounted on the wall		■			
Wall Charging Station	Charging indicator works		■	■	■	
Electronics- & Control Box	No signs of water ingression		■		■	
Electronics- & Battery	No signs of water ingression		■		■	

Control point:	Description:	All right:	Lubricated	Noise / Irregularity	Tightened:	Comment Nr.:
Castors	Run easily, turn 360° and brakes work					
Castors	Do not drag to the side / securely fastened					
Seat Unit hinges	Move smoothly / Securely locked in place					
Carrying pins for lifting columns	Intact / Screws tightened					
Carrying axels	Lubricated					
Frame & Seat Unit	No visual sign of deformation					
Frame & Seat Unit	No visual sign of cracks					
Frame & Seat Unit	Paint not scratched					
Weldings	No sign of cracks / deformation					

Comment No:	Proposed activity:

General Comments:

Written repair offer made?	Approved by contact person?	Repair carried out?	Repair invoiced?

Offer for Repair

Explanation:	Units	Price/Unit	Price total
Sub-Total:			
+ V.A.T:			
TOTAL:			

Offer Accepted: